

The Commonwealth of Massachusetts

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1945

ASSESSMENTS

FOR

INTEREST, SINKING FUNDS, SERIAL BONDS AND MAINTENANCE OF THE METROPOLITAN DISTRICTS

Compiled in the Office of
JOHN E. HURLEY

TREASURER AND RECEIVER-GENERAL



The Commonwealth of Massachusetts

TREASURY DEPARTMENT, Sept. 1, 1945.

Under the provisions of section 11 of chapter 10 of the General Laws the following computations for annual assessments for interest, sinking funds, serial bond payments and maintenance for 1945, to be paid by the cities and towns comprising the Metropolitan Districts, are compiled and printed as a public document and herewith submitted.

Since September 1, 1944, no bonds have been issued.

The following sections of chapter 92 of the General Laws show the manner of computing the proportions in which the cities and towns of the several metropolitan districts shall annually pay money into the treasury of the Commonwealth to meet the assessments against said districts:—

METROPOLITAN SEWER

SECTION 5. The proportions in which each of the towns belonging in whole or in part to the north metropolitan and south metropolitan sewerage districts, respectively, shall annually pay money to the commonwealth to meet interest and sinking fund requirements for each year, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective taxable valuations of the property of said towns, as last established by the general court as a basis of apportionment for state and county taxes.

SECTION 6. The proportions in which each of the towns belonging in whole or in part to either sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the respective sewerage systems, as estimated by the commission and certified by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective populations of said towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in either of said metropolitan sewerage systems, the valuation and population only of that part of the town included in either of said systems, as determined by the commission, shall be used as a basis in determining the proportion and amount which it shall pay as its share of interest and sinking fund requirements and of the cost of maintenance and operation of works as required by this and the preceding section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system, shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

METROPOLITAN WATER

SECTION 26. (As amended by section 2 of chapter 543 of the Acts of 1943.) The state treasurer, for the purpose of making the apportionment to the towns in the metropolitan water district of the amount required in each year to pay the interest, sinking fund requirements and expenses of maintenance and operation of the metropolitan water system, shall, in each year, apportion such amount to the towns in said district, one third in proportion to their valuations, and the remaining two thirds in proportion to their consumption, in the preceding year, of water received from all sources of supply as determined by the commission and certified to said state treasurer; provided, that there shall be included in reckoning such proportion only one fifth of the total valuation, and nothing for consumption of water, for any town which has not reached the safe capacity of its present sources of supply or of the sources of supply of the water company by which it is supplied, as the case may be, determined as aforesaid, or which has not made application to said commission for water; and provided, further, that the assessment of any town assessed upon its full valuation, which obtains a part of its water supply from other than district sources, shall not exceed, by more than three two hundredths of one per cent of such valuation, the product of the total number of million gallons of water supplied to said town in the preceding

year from the metropolitan water system by a cost per million gallons equal to forty dollars plus the product of twenty dollars by the ratio of the town's valuation to the aggregate valuation of all members of the district and by the inverse ratio of the town's total water consumption to the aggregate consumption of all members in the preceding year. If any town is admitted to the metropolitan water district too late in any year to share with the other members the total district assessment for that year, it shall be assessed and pay as a part of its assessment for the following year a sum equal to the product of the total number of million gallons of water furnished it by the district during the balance of the year of its admission by a cost per million gallons equal to forty dollars plus the product of twenty dollars by the ratio of the town's valuation to the aggregate valuation of all members of the district and by the inverse ratio of the town's total water consumption to the aggregate consumption of all members in the preceding year. The state treasurer shall annually notify each town assessed under the provisions of this section and of section ten, of the amount of its assessment, and the same shall be paid by the town to the commonwealth at the time required for the payment of, and as a part of, its state tax.

As used in this chapter, the word "valuation" means the taxable valuation last established by the general court as a basis of apportionment for state and county taxes.

METROPOLITAN PARKS

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles river basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles river basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. The proportions in which each town of said district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of reservations, exclusive of Nantasket beach reservation and the Charles river basin, and any deficiency in the amounts previously paid in, as found by said treasurer, shall be apportioned according to the average percentage of valuation and population, determined as to any town by adding together the percentage which the valuation of the same bears to the total valuation of the towns of the district and the percentage which the population of the same bears to the total population of the towns of the district, and dividing this sum by two.

SECTION 56. (As amended by chapter 197 of the Acts of 1933.) The proportion in which each town of the metropolitan parks district, including Cohasset with respect to the maintenance of Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of said reservation and the Charles river basin and any deficiency in the amounts previously paid in, as found by said treasurer, shall be based upon the respective taxable valuations of the property of said towns. The cost of maintenance of boulevards shall be annually appropriated by the general court from the Highway Fund.

SECTION 57. (As Amended by chapter 197 of the Acts of 1933.) The commission shall annually, in accordance with the provisions of the three preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of

maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury at the time required for the payment of its proportion of the state tax.

SECTION 59. For the purpose of the five preceding sections, the words "taxable valuation of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

JOHN E. HURLEY,
Treasurer and Receiver-General.

TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1945

CITIES AND TOWNS	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage North and South Systems	Charles River Basin	Total
Arlington . . .	\$ 85,105 32	\$ 12,156 79	\$ 46,163 19n	\$4,981 67	\$148,406 97
Belmont . . .	66,501 94	9,849 54	35,886 38n	4,545 15	116,783 01
Boston . . .	2,908,330 96	260,543 47	81,615 12n	134,403 77	3,624,929 27
Braintree . . .	—	5,489 25	240,035 95s	—	—
Brookline . . .	190,050 20	24,376 96	13,230 20s	2,404 56	21,124 01
Cambridge . . .	—	35,675 37	54,394 91s	12,780 78	281,602 85
Canton . . .	—	1,926 18	133,688 85n	34,902 71	204,266 93
Chelsea . . .	105,122 13	10,717 86	4,761 92s	785 50	7,473 60
Cohasset . . .	—	207 88	42,365 38n	3,843 85	162,049 22
Dedham . . .	—	5,185 37	—	—	207 88
Dover . . .	—	881 85	12,511 67s	2,268 17	19,965 21
Everett . . .	179,498 33	15,173 86	—	501 53	1,383 38
Hingham . . .	—	3,092 67	56,762 39n	6,507 65	257,942 23
Hull . . .	—	2,272 36	—	1,466 80	4,559 47
Lexington . . .	31,664 92	—	—	1,418 17	3,690 53
Lynn . . .	—	29,318 91	17,035 69n	—	48,700 61
Malden . . .	132,089 57	16,359 78	—	11,866 09	41,185 —
Medford . . .	134,305 37	18,078 37	63,282 14n	6,322 59	218,054 08
Melrose . . .	54,475 99	8,097 79	69,648 45n	7,080 03	229,112 22
Milton . . .	46,769 67	7,376 84	30,407 —n	3,439 29	96,420 07
Nahant . . .	8,466 69	942 90	17,157 83s	3,533 75	74,838 09
Needham . . .	—	4,812 60	—	502 64	9,912 23
Newton . . .	32,044 28	29,258 52	11,286 88s	2,283 70	18,383 18
Norwood . . .	—	—	67,214 12s	14,412 90	142,929 82
Quincy . . .	195,694 64	25,440 15	12,749 69s	—	12,749 69
Reading . . .	—	—	61,338 35s	11,151 72	293,624 86
Revere . . .	70,956 86	9,150 83	13,383 41n	—	13,383 41
Saugus . . .	—	3,813 79	35,951 38n	3,357 05	119,416 12
Somerville . . .	271,153 08	26,398 79	—	1,354 55	5,168 34
Stonham . . .	23,902 62	3,231 68	104,533 94n	9,416 44	411,502 25
Stoughton . . .	—	—	12,289 63n	1,312 59	40,736 52
Swampscott . . .	32,695 86	4,362 85	5,753 61s	—	5,753 61
Wakefield . . .	—	4,728 22	—	2,117 82	39,176 53
Walpole . . .	—	—	18,138 16n	1,876 91	24,743 29
Waltham . . .	—	11,874 42	7,126 54s	—	7,126 54
Watertown . . .	85,954 31	11,119 34	30,769 36s	4,780 22	47,424 —
Wellesley . . .	—	7,378 45	27,244 71s	4,663 81	128,982 17
Weston . . .	—	1,815 80	16,450 73s	3,863 30	27,692 48
Westwood . . .	—	1,359 27	—	962 77	2,778 57
Weymouth . . .	—	9,389 24	—	657 69	2,016 96
Winchester . . .	—	6,117 44	21,854 91s	4,492 64	35,736 79
Winthrop . . .	42,100 16	5,121 05	21,825 22n	2,970 28	30,912 94
Woburn . . .	—	5,196 24	19,450 37n	2,106 43	68,778 01
			20,470 54n	1,886 63	27,553 41
	\$4,696,882 90 ¹	\$638,292 68	\$1,426,778 62	\$317,222 15 ²	\$7,079,176 35

N-North System

S-South System

¹ Does not include standby charge, Waltham \$8,684.57.

² Includes special assessments shown at bottom of page 23.

STATEMENT I

METROPOLITAN WATER DISTRICT

Total Water Debt, April 1, 1945

Under Metropolitan District Commission:

Gross Water Debt April 1, 1945:

Bonds outstanding (Sinking Fund)	\$2,248,000 00
Bonds outstanding (Serial)	1,499,000 00

\$3,747,000 00

a decrease for the year of \$761,000 00

Sinking Fund April 1, 1945 2,583,552 78

a decrease for the year of \$399,361 49

Net Debt April 1, 1945 \$1,163,447 22

a decrease for the year of \$361,638 51

Under Metropolitan District Water Supply Commission:

Gross (and net) Debt April 1, 1945 40,463,000 00

a decrease for the year of \$1,889,000 00

Total Net Water Debt \$41,626,447 22

a decrease for the year of \$2,250,638 51

Total Water Assessment for 1945

Serial Bonds:

Under Metropolitan District Commission . \$108,000 00

Under Metropolitan District Water Supply Commission	2,009,000 00
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\$2,117,000 00

Interest:

Under Metropolitan District Commission:

Six months on \$2,898,000 \$50,217 50

Six months on 2,248,000 38,842 50

Six months on 1,610,000 32,081 25

Six months on 1,499,000 29,878 75

Interest on advances and temporary loans, estimated, 1945 . . . 13,350 00

\$164,370 00

Adjustment of interest charges

in 1944 11,755 18

- \$152,614 82

Under Metropolitan District Water Supply Commission:

Six months on \$41,435,000 \$552,331 25

Six months on 40,463,000 537,203 75

Interest on advances and temporary loans, estimated, 1945 . . . 28,000 00

\$1,117,535 00

Less adjustment of interest

charges in 1944 22,235 681,095,299 32

Total Interest

1,247,914 14

Maintenance as appropriated by Legislature . . . 1,467,535 42

Less balance on hand 264,367 80

1,203,167 62

Metropolitan Water Assessment \$4,568,081 76

Credit to Brookline for water furnished 128,801 14

Total Metropolitan Water Assessment \$4,696,882 90

METROPOLITAN WATER LOAN

Sinking Fund

Bonds Issued	Due Dates	Sinking Fund Dec.1, 1944
\$650,000	Jan. 1945	\$650,000 00
1,350,000	Jan. 1946	1,350,000 00
398,000	Jan. 1949	398,000 00
500,000	Jan. 1950	500,000 00
Surplus		266,326 11
<u>\$2,898,000</u>		<u>\$3,164,326 11</u>

COMPUTATIONS FOR DETERMINING THE ASSESSMENTS FOR 1945

(See Section 26 of Chapter 92, General Laws)

(The proportion to be paid by each city and town is based as follows: One third in proportion to their valuations and the remaining two-thirds in proportion to their consumption in the preceding year. The last column shows the total ratio to be paid by each city and town of the whole assessment. To find each city's and town's assessment, multiply the total assessment by the average ratio.)

CITIES AND TOWNS	Valuation (for State Tax) (Chap. 294, Acts of 1943)	Average Daily Con- sumption (Gallons) 1944	Ratios of Totals		Average Ratios Double Weight to Con- sumption
			Valuation	Consumption	
Arlington . . .	\$ 60,335,449	2,542,500	.024363	.015184	.018244
Belmont . . .	55,049,420	1,719,500	.022229	.010269	.014256
Boston . . .	1,389,431,556	109,622,600	.561047	.654663	.623458
Brookline . . .	154,794,783	4,999,900	.062506	.029859	.04741
Chelsea . . .	46,553,557	4,086,300	.018798	.024403	.022535
Everett . . .	78,817,491	7,000,400	.031826	.041806	.038479
Lexington . . .	25,329,895	848,600	.010228	.005068	.006788
Malden . . .	76,576,832	4,523,300	.030922	.027013	.028316
Medford . . .	85,750,742	4,332,400	.034626	.025873	.028791
Melrose . . .	41,656,140	1,525,000	.016821	.009107	.011678
Milton . . .	42,797,675	1,071,400	.017282	.006398	.010026
Nahant . . .	6,088,433	250,100	.002458	.001494	.001815
Quincy . . .	135,062,673	5,970,800	.054538	.035658	.041951
Revere . . .	40,658,081	2,446,100	.016418	.014608	.015211
Somerville . . .	114,046,295	10,744,300	.046051	.064165	.058127
Stoncham . . .	15,896,158	749,500	.006419	.004476	.005124
Swampscott . . .	25,650,238	893,200	.010357	.005334	.007009
Watertown . . .	56,487,036	2,718,700	.022809	.016235	.018426
Winthrop . . .	25,513,108	1,404,400	.010302	.008387	.009025
	<u>\$2,476,495,562</u>	<u>167,449,000</u>	<u>1.000000</u>	<u>1.000000</u>	<u>1.000000</u>
Newton . . .	<u>174,560,417</u>	<u>5,852,500</u>			
Total including Newton	2,651,055,979	173,301,500			

¹ In accordance with the provisions of the act above referred to, but one-fifth of the total valuation and no consumption has been taken, for at present this city has a sufficient supply, and has not made application for water.

METROPOLITAN WATER LOAN
Division of Assessment for 1945

CITIES AND TOWNS	Serial Bonds	Serial Bonds Add. Water Loan	Interest	Interest Additional Water Loan	Maintenance	Credit to Brookline for Water Furnished	Totals
Totals	\$108,000 00	\$2,009,000 00	\$152,614 82	\$1,095,299 32	\$1,203,167 62	\$128,801 14	\$4,696,882 90
Newton	736 82	13,706 32	1,041 21	7,472 63	8,208 56	378 74	32,044 28
Other Cities & Towns	107,263 18	1,995,293 68	151,573 61	1,087,826 69	1,194,959 06	127,922 40	4,664,838 62
Arlington	1,956 91	36,402 14	2,765 31	19,846 31	21,800 83	2,333 82	85,105 32
Belmont	1,529 14	28,444 91	2,160 83	15,508 06	17,035 34	1,823 66	66,501 94
Boston	66,874 09	1,243,981 81	94,499 78	678,214 25	745,006 79	79,754 24	2,908,330 96
Brookline	4,370 01	81,290 26	6,175 26	44,319 15	48,683 83	5,211 69	190,050 20
Chelsea	2,417 18	44,963 94	3,415 71	24,514 17	26,928 40	2,882 73	105,132 13
Everett	4,127 38	76,776 91	5,832 40	41,858 48	45,980 83	4,922 33	179,498 33
Lexington	728 10	13,534 05	1,028 88	7,384 17	8,111 38	868 34	31,684 92
Malden	3,037 26	56,498 74	4,291 96	30,802 90	33,836 46	3,622 25	132,089 57
Medford	3,088 21	57,446 50	4,363 96	31,319 62	34,404 07	3,683 01	134,305 37
Melrose	1,252 62	23,301 04	1,770 08	12,703 64	13,954 73	1,493 88	54,475 99
Milton	1,075 42	20,004 81	1,519 68	10,906 55	11,980 66	1,282 55	46,769 67
Nahant	194 68	3,621 46	275 11	1,974 41	2,168 85	232 18	8,466 69
Quincy	4,499 80	83,704 57	6,358 65	45,635 42	50,129 73	5,366 47	195,694 64
Revere	1,631 58	30,350 41	2,305 59	16,546 93	18,176 52	1,945 83	70,956 86
Somerville	6,234 89	115,980 44	8,810 52	63,232 10	69,459 39	7,435 74	271,153 08
Stonham	1,549 62	10,223 88	776 66	5,574 02	6,122 97	655 47	23,902 62
Swampscott	751 81	13,985 01	1,062 38	7,624 58	8,375 47	896 61	32,695 86
Wacutown	1,976 43	36,765 28	2,792 90	20,044 29	22,018 31	2,357 10	85,954 31
Winthrop	968 05	18,007 52	1,367 95	9,817 64	10,784 50	1,154 50	42,100 16
District total	.	.	.	.	.	.	\$4,696,882 90
Less credit to Brookline for water furnished	.	.	.	.	.	.	128,801 14
							<u>\$4,568,081 76</u>

Does not include standby charges under Chapter 543, Acts of 1943, Waltham \$8,684.57.

Comparison of Assessments, 1944 and 1945, with Revenue from Water Rates in 1944

CITIES AND TOWNS	Water Assessments		Water Revenue received by Cities and Towns, 1944
	1944	1945	
Arlington	\$84,464 05	\$85,105 32	\$193,013 29 ¹
Belmont	64,646 15	66,501 94	155,820 37 ²
Boston	2,974,083 69	2,908,330 96	5,495,265 74 ¹
Brookline	196,342 38	190,050 20	408,301 60 ²
Chelsea	105,796 42	105,122 13	163,728 07 ⁴
Everett	189,928 73	179,498 33	382,903 82 ²
Lexington	32,337 50	31,664 92	90,265 43 ¹
Malden	135,826 16	132,089 57	268,867 28 ¹
Medford	129,806 75	134,305 37	252,707 47 ²
Melrose	56,492 07	54,475 99	111,595 37 ³
Milton	49,044 73	46,769 67	154,148 39 ⁴
Nahant	8,735 84	8,466 69	16,477 26 ¹
Newton	22,279 51	32,044 28	409,892 84 ⁵
Quincy	204,174 34	195,694 64	482,909 63 ¹
Revere	73,660 85	70,956 86	138,735 51 ¹
Somerville	277,695 76	271,153 08	515,206 72 ¹
Stoneham	23,005 49	23,902 62	55,266 58 ⁴
Swampscott	33,933 70	32,695 86	62,568 39 ¹
Watertown	100,469 34	85,954 31	212,824 16 ²
Winthrop	45,111 92	42,100 16	83,070 32 ³
	<u>\$4,807,835 38</u>	<u>\$4,696,882 90</u>	<u>\$9,653,568 24</u>

¹ No money received from hydrant rentals, street watering or municipal departments

² No money received from hydrant rentals or street watering

³ No money received from street watering

⁴ No money received from street watering or municipal departments

⁵ Made application for water June 9, 1944 under chapter 543, Acts of 1943.

STATEMENT II

METROPOLITAN PARKS DISTRICT

Gross Parks Debt April 1, 1945:

Bonds outstanding (Sinking Fund)	\$670,000 00	
Bonds outstanding (Serial)	17,000 00	
	<u> </u>	\$687,000 00

a decrease for the year of \$372,000 00

Sinking Fund April 1, 1945 648,051 61

a decrease for the year of \$332,295 44

Net Parks Debt April 1, 1945	<u><u>\$38,948 39</u></u>
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a decrease for the year of \$39,704 56

STATEMENT II (Continued)

BOULEVARDS

Gross Parks, Series Two (Boulevards) Debt April 1, 1945:

Bonds outstanding (Sinking Fund) (one-half)	\$325,000 00	
Bonds outstanding (Serial) (one-half)	97,500	
		\$422,500 00

a decrease for the year of \$213,000 00

Sinking Fund April 1, 1945 (one-half)		312,921 93
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a decrease for the year of \$132,704 86

Net Parks, Series Two (Boulevards) Debt April 1, 1945		\$109,578 07
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a decrease for the year of \$80,295 14

METROPOLITAN PARKS LOANS

Total Parks Assessment for 1945

Parks Serial Bonds		\$2,000 00
Parks, Series Two, Serial Bonds		25,000 00

Parks Interest:

Six months on	\$1,040,000	\$18,112 50
Six months on	670,000	11,637 50
Six months on	19,000	362 50
Six months on	17,000	325 00
On advances and temporary loans, estimated, 1945	1,000 00	
		\$31,437 50

Less adjustment of interest charges in 1944	564 97	
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\$30,872 53

Parks, Series Two, Interest:

Six months on	\$475,000	\$8,281 25
Six months on	325,000	5,656 25
Six months on	160,500	3,216 25
Six months on	97,500	1,950 00
Interest on advances and temporary loans, estimated, 1945	600 00	
		\$19,703 75

Less adjustment of interest charges in 1944	424 64	
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\$19,279 11

Parks maintenance as appropriated

by Legislature		\$745,806 34
Less balance on hand		250,618 51

\$495,187 83

Nantasket Maintenance as appropriated

by Legislature		\$70,795 00
Less balance on hand		4,841 79

\$65,953 21

Total Parks Assessment		\$638,292 68
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METROPOLITAN PARKS INCLUDING BOULEVARDS AND NANTASKET

Total Assessments and Grand Total

CITIES AND TOWNS	Total Serial Bonds	Total Interest	Total Maintenance	Grand Totals
Arlington	\$ 484 08	\$ 899 17	\$ 10,773 54	\$ 12,156 79
Belmont	441 66	820 38	8,587 50	9,849 54
Boston	11,147 71	20,706 51	228,689 25	260,543 47
Braintree	233 66	434 01	4,821 58	5,489 25
Brookline	1,241 96	2,306 87	20,828 13	24,376 96
Cambridge	1,478 89	2,747 00	31,449 48	35,675 37
Canton	76 33	141 78	1,708 07	1,926 18
Chelsea	373 51	693 79	9,650 56	10,717 86
Cohasset	—	—	207 88	207 88
Dedham	220 39	409 38	4,555 60	5,185 37
Dover	48 74	90 52	742 59	881 85
Everett	632 37	1,174 61	13,366 88	15,173 86
Hingham	142 53	264 75	2,685 39	3,092 67
Hull	137 81	255 97	1,878 58	2,272 36
Lynn	1,153 06	2,141 77	26,024 08	29,318 91
Malden	614 38	1,141 20	14,604 20	16,359 78
Medford	687 98	1,277 91	16,112 48	18,078 37
Melrose	334 21	620 78	7,142 80	8,097 79
Milton	343 39	637 83	6,395 62	7,376 84
Nahant	48 84	90 73	803 33	942 90
Needham	221 91	412 20	4,178 49	4,812 60
Newton	1,400 54	2,601 47	25,256 51	29,258 52
Quincy	1,083 64	2,012 84	22,343 67	25,440 15
Revere	326 21	605 93	8,218 69	9,150 83
Saugus	131 63	244 48	3,437 68	3,813 79
Somerville	915 03	1,699 64	23,784 12	26,398 79
Stonham	127 55	236 91	2,867 22	3,231 68
Swampscott	205 79	382 26	3,774 80	4,362 85
Wakefield	182 39	338 77	4,207 06	4,728 22
Waltham	464 51	862 81	10,547 10	11,874 42
Watertown	453 19	841 80	9,824 35	11,119 34
Wellesley	375 41	697 32	6,305 72	7,378 45
Weston	93 56	173 78	1,548 46	1,815 80
Westwood	63 90	118 71	1,176 66	1,359 27
Weymouth	436 60	810 90	8,141 74	9,389 24
Winchester	288 63	536 12	5,292 69	6,117 44
Winthrop	204 68	380 20	4,536 17	5,121 05
Woburn	183 33	340 54	4,672 37	5,196 24
	\$27,000 00	\$50,151 64	\$561,141 04	\$638,292 68

METROPOLITAN PARKS AND BOULEVARDS AND CHARLES RIVER BASIN

*Proportion of Assessment Requirements as determined by
Metropolitan District Commission*

CITIES AND TOWNS	Valuation (Chapter 294 Acts of 1943)	Valuation Per Cent. (Note 1)	Population U. S. Census 1940	Popu- lation Per Cent.	Average Per. Cent. (Note 2)	Valuation Per Cent. (Note 3)
Arlington . . .	\$ 60,335,449	.017929	40,013	.020823	.019376	.017873
Belmont . . .	55,049,420	.016358	26,867	.013982	.015170	.016307
Boston . . .	1,389,431,556	.412878	770,816	.401133	.407006	.411577
Braintree . . .	29,121,683	.008654	16,378	.008523	.008588	.008626
Brookline . . .	154,794,783	.045998	49,786	.025909	.035954	.045853
Cambridge . . .	184,326,566	.054774	110,879	.057702	.056238	.054601
Canton . . .	9,513,406	.002827	6,381	.003321	.003074	.002818
Chelsea . . .	46,553,557	.013834	41,259	.021471	.017652	.013790
Dedham . . .	27,470,224	.008163	15,508	.008070	.008116	.008137
Dover . . .	6,072,676	.001805	1,374	.000715	.001260	.001799
Everett . . .	78,817,491	.023421	46,784	.024346	.023884	.023347
Hingham . . .	17,766,188	.005279	8,003	.004165	.004722	.005263
Hull . . .	17,175,545	.005104	2,167	.001128	.003116	.005088
Lynn . . .	143,715,272	.042706	98,123	.051063	.046884	.042571
Malden . . .	76,576,832	.022755	58,010	.030188	.026471	.022684
Melford . . .	85,750,742	.025481	63,083	.032828	.029155	.025401
Melrose . . .	41,656,140	.012378	25,333	.013183	.012781	.012339
Milton . . .	42,797,675	.012718	18,708	.009736	.011227	.012678
Nahant . . .	6,088,433	.001809	1,835	.000955	.001382	.001804
Needham . . .	27,657,831	.008219	12,445	.006476	.007347	.008193
Newton . . .	174,560,417	.051872	69,873	.036362	.044117	.051708
Quincy . . .	135,062,673	.040135	75,810	.039452	.039793	.040008
Revere . . .	40,658,081	.012082	34,405	.017904	.014993	.012044
Saugus . . .	16,404,206	.004875	14,825	.007715	.006295	.004859
Somerville . . .	114,046,295	.033890	102,177	.053173	.043531	.033783
Stoneham . . .	15,896,158	.004724	10,765	.005602	.005163	.004709
Swampscott . . .	25,650,238	.007622	10,761	.005600	.006611	.007598
Wakefield . . .	22,733,751	.006755	16,223	.008443	.007599	.006734
Waltham . . .	57,897,104	.017204	40,020	.020826	.019015	.017150
Watertown . . .	56,487,036	.016785	35,427	.018436	.017611	.016733
Welesley . . .	46,789,158	.013904	15,127	.007872	.010888	.013860
Weston . . .	11,660,508	.003465	3,590	.001868	.002667	.003454
Westwood . . .	7,965,223	.002367	3,376	.001757	.002062	.002359
Weymouth . . .	54,413,987	.016169	23,868	.012421	.014295	.016118
Winchester . . .	35,974,250	.010690	15,081	.007848	.009269	.010656
Winthrop . . .	25,513,108	.007581	16,768	.008726	.008154	.007557
Woburn . . .	22,849,849	.006790	19,751	.010278	.008534	.006769
	\$3,365,233,511	1.000000	1,921,599	1.000000	1.000000	.996848
Cohasset . . .	10,639,718	—	—	—	—	.003152
	\$3,375,873,229					1.000000

NOTE 1.—Sinking Fund, Serial Bonds and Interest and Charles River Basin Maintenance.

NOTE 2.—Parks Maintenance, except Nantasket.

NOTE 3.—Nantasket Maintenance.

METROPOLITAN PARKS LOAN

Sinking Fund

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1944	Amount of Dec. 1, 1944 Sinking Fund at Maturity of Loan*
\$ 370,000	Jan. 1945	\$ 377,894 08	\$ 377,894 08
300,000	Jan. 1946	293,745 78	304,116 84
300,000	Jan. 1947	280,091 51	300,218 61
70,000	Jan. 1949	59,456 14	68,308 08
<u>\$1,040,000</u>	—	<u>\$1,011,187 51</u>	<u>\$1,050,537 61</u>

METROPOLITAN PARKS LOAN—SERIES TWO

Sinking Fund

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1944	Amount of Dec. 1, 1944 Sinking Fund at Maturity of Loan*
\$ 150,000	Jan. 1945	\$ 152,967 19	\$ 152,967 19
150,000	Jan. 1946	145,984 28	151,138 43
150,000	Jan. 1947	139,630 24	149,663 93
25,000	Jan. 1949	21,063 93	24,199 96
<u>\$ 475,000</u>	—	<u>\$ 459,645 64</u>	<u>\$ 477,969 51</u>

* Accumulations reckoned at 3½%.

METROPOLITAN PARKS LOAN

Serial Bond Requirements

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington	\$35 85	\$448 23	\$484 08
Belmont	32 71	408 95	441 66
Boston	825 76	10,321 95	11,147 71
Braintree	17 31	216 35	233 66
Brookline	92 00	1,149 96	1,241 96
Cambridge	109 54	1,369 35	1,478 89
Canton	565	70 68	76 33
Chelsea	27 66	345 85	373 51
Dedham	16 32	204 07	220 39
Dover	3 61	45 13	48 74
Everett	46 84	585 53	632 37
Hingham	10 55	131 98	142 53
Hull	10 21	127 60	137 81
Lynn	85 41	1,067 65	1,153 06
Malden	45 51	568 87	614 38
Medford	50 96	637 02	687 98
Melrose	24 76	309 45	334 21
Milton	25 44	317 95	343 39
Nahant	3 62	45 22	48 84
Needham	16 44	205 47	221 91
Newton	103 74	1,296 80	1,400 54
Quincy	80 27	1,003 37	1,083 64
Revere	24 16	302 05	326 21
Saugus	9 75	121 88	131 63
Somerville	67 78	847 25	915 03
Stonham	9 45	118 10	127 55
Swampscott	15 24	190 55	205 79
Wakefield	13 51	168 88	182 39
Waltham	34 41	430 10	464 51
Watertown	33 57	419 62	453 19
Wellesley	27 81	347 60	375 41
Weston	6 93	86 63	93 56
Westwood	4 73	59 17	63 90
Weymouth	32 38	404 22	436 60
Winchester	21 38	267 25	288 63
Winthrop	15 16	189 52	204 68
Woburn	13 58	169 75	183 33
	<hr/> \$2,000 00	<hr/> \$25,000 00	<hr/> \$27,000 00

METROPOLITAN PARKS LOAN INCLUDING BOULEVARDS

Interest Requirements

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington	\$ 553 51	\$ 345 66	\$ 899 17
Belmont	505 01	315 37	820 38
Boston	12,746 59	7,959 92	20,706 51
Braintree	267 17	166 84	434 01
Brookline	1,420 07	886 80	2,306 87
Cambridge	1,691 01	1,055 99	2,747 00
Canton	87 28	54 50	141 78
Chelsea	427 09	266 70	693 79
Dedham	252 01	157 37	409 38
Dover	55 72	34 80	90 52
Everett	723 07	451 54	1,174 61
Hingham	162 98	101 77	264 75
Hull	157 57	98 40	255 97
Lynn	1,318 44	823 33	2,141 77
Malden	702 50	438 70	1,141 20
Medford	786 66	491 25	1,277 91
Melrose	382 14	238 64	620 78
Milton	392 64	245 19	637 83
Nahant	55 85	34 88	90 73
Needham	253 74	158 46	412 20
Newton	1,601 42	1,000 05	2,601 47
Quincy	1,239 07	773 77	2,012 84
Revere	373 00	232 93	605 93
Saugus	150 50	93 98	244 48
Somerville	1,046 27	653 37	1,699 64
Stoneham	145 84	91 07	236 91
Swampscott	235 31	146 95	382 26
Wakefield	208 54	130 23	338 77
Waltham	531 13	331 68	862 81
Watertown	518 20	323 60	841 80
Wellesley	429 25	268 07	697 32
Weston	106 98	66 80	173 78
Westwood	73 08	45 63	118 71
Weymouth	499 18	311 72	810 90
Winchester	330 03	206 09	536 12
Winthrop	234 05	146 15	380 20
Woburn	209 63	130 91	340 54
	<u>\$30,872 53</u>	<u>\$19,279 11</u>	<u>\$50,151 64</u>

METROPOLITAN PARKS LOAN INCLUDING NANTASKET

Maintenance Requirements

CITIES AND TOWNS	Parks	Nantasket	Total
Arlington	\$ 9,594 76	\$ 1,178 78	\$ 10,773 54
Belmont	7,512 00	1,075 50	8,587 50
Boston	201,544 42	27,144 83	228,689 25
Braintree	4,252 67	568 91	4,821 58
Brookline	17,803 98	3,024 15	20,828 13
Cambridge	27,848 37	3,601 11	31,449 48
Canton	1,522 21	185 86	1,708 07
Chelsea	8,741 06	909 50	9,650 56
Cohasset	—	207 88	207 88
Dedham	4,018 94	536 66	4,555 60
Dover	623 94	118 65	742 59
Everett	11,827 07	1,539 81	13,366 88
Hingham	2,338 28	347 11	2,685 39
Hull	1,543 01	335 57	1,878 58
Lynn	23,216 39	2,807 69	26,024 08
Malden	13,108 12	1,496 08	14,604 20
Medford	14,437 20	1,675 28	16,112 48
Melrose	6,329 —	813 80	7,142 80
Milton	5,559 47	836 15	6,395 62
Nahant	684 35	118 98	803 33
Needham	3,638 14	540 35	4,178 49
Newton	21,846 20	3,410 31	25,256 51
Quincy	19,705 01	2,638 66	22,343 67
Revere	7,424 35	794 34	8,218 69
Saugus	3,117 21	320 47	3,437 68
Somerville	21,556 02	2,228 10	23,784 12
Stoneham	2,556 65	310 57	2,867 22
Swampscott	3,273 69	501 11	3,774 80
Wakefield	3,762 93	444 13	4,207 06
Waltham	9,416 —	1,131 10	10,547 10
Watertown	8,720 75	1,103 60	9,824 35
Wellesley	5,391 61	914 11	6,305 72
Weston	1,320 66	227 80	1,548 46
Westwood	1,021 08	155 58	1,176 66
Weymouth	7,078 71	1,063 03	8,141 74
Winchester	4,589 89	702 80	5,292 69
Winthrop	4,037 76	498 41	4,536 17
Woburn	4,225 93	446 44	4,672 37
	\$495,187 83	\$65,953 21	\$561,141 04

STATEMENT III

METROPOLITAN SEWERAGE

Debt, North System

Gross Sewerage, North System, Debt April 1, 1945:

Bonds outstanding (Sinking Fund) \$413,000 00

Bonds outstanding (Serial) 3,237,000 00

\$3,650,000 00

a decrease for the year of \$260,000 00

Sinking Fund April 1, 1945 347,715 24

an increase for the year of \$26,855 68

Net Sewerage, North System, Debt April 1, 1945 \$3,302,284 76

a decrease for the year of \$286,855 68

STATEMENT III (Continued)

Assessment, North System

Sinking Fund			\$ 11,692 59
Serial Bonds			256,000 00
Interest:			
One year	\$1,627,000	\$44,437 50	
Six months on	2,155,000	16,162 50	
Six months on	2,010,000	15,075 00	
Four months on	13,000	173 34	
On advances and temporary loans, estimated, 1945		1,200 00	
			\$77,048 34
Less adjustment of interest charges in 1944		586 54	
			76,461 80
Maintenance as appropriated by Legislature		\$557,302 66	
Less balance on hand		78,559 81	
			478,742 85
Total North Metropolitan Sewerage Assessment			\$822,897 24

METROPOLITAN SEWERAGE DISTRICT

Debt, South System

Gross Sewerage, South System, Debt April 1, 1945:			
Bonds outstanding (Sinking Fund)	\$1,175,000 00		
Bonds outstanding (Serial)	1,323,000 00		
			\$2,498,000 00
a decrease for the year of \$574,000 00			
Sinking Fund April 1, 1945			1,452,426 63
a decrease for the year of \$325,181 39			
Net Sewerage, South System, Debt April 1, 1945			<u>\$1,045,573 37</u>
a decrease for the year of \$248,818 61			

Assessment, South System

Serial Bonds			\$181,000 00
Interest:			
One year on	\$2,498,000	\$90,230 00	
On advance and temporary loans, estimated, 1945		1,000 00	
			\$91,230 00
Less adjustment of interest charges in 1944		950 19	
			\$90,279 81
Maintenance as appropriated by Legislature		\$372,915 66	
Less balance on hand		40,314 09	
			332,601 57
Total South Metropolitan Sewerage Assessment			<u>\$603,881 38</u>

METROPOLITAN SEWERAGE LOAN—NORTH SYSTEM

Assessment

CITIES AND TOWNS	Sinking Fund	Serial Bonds	Interest	Maintenance	Total
Arlington . . .	\$685 19	\$15,001 60	\$4,480 66	\$25,995 74	\$46,163 19
Belmont . . .	625 56	13,696 —	4,090 71	17,474 11	35,886 38
Boston:					
Charlestown and East Boston . . .	890 98	19,507 20	5,826 39	55,390 55	81,615 12
Cambridge . . .	2,094 14	45,849 60	13,694 31	72,050 80	133,688 85
Chelsea . . .	528 51	11,571 20	3,456 07	26,809 60	42,365 38
Everett . . .	895 65	19,609 60	5,856 97	30,400 17	56,762 39
Lexington . . .	287 63	6,297 60	1,880 96	8,569 50	17,035 69
Malden . . .	869 92	19,046 40	5,688 76	37,677 06	63,282 14
Medford . . .	973 99	21,324 80	6,369 27	40,980 39	69,648 45
Melrose . . .	473 55	10,368 00	3,096 70	16,468 75	30,407 —
Reading . . .	213 97	4,684 80	1,399 25	7,085 39	13,383 41
Revere . . .	461 85	10,112 —	3,020 24	22,357 29	35,951 38
Somerville . . .	1,295 54	28,364 80	8,471 97	66,401 63	104,533 94
Stoneham . . .	180 07	3,942 40	1,177 51	6,989 65	12,289 63
Wakefield . . .	258 41	5,657 60	1,689 81	10,532 34	18,138 16
Winchester . . .	408 07	8,934 40	2,668 52	9,814 23	21,825 22
Winthrop . . .	289 98	6,348 80	1,896 25	10,915 34	19,450 37
Woburn . . .	259 58	5,683 20	1,697 45	12,830 31	20,470 54
	\$11,692 59	\$256,000 00	\$76,461 80	\$478,742 85	\$822,897 24

METROPOLITAN SEWERAGE LOAN—NORTH SYSTEM

Sinking Fund

BONDS ISSUED AND AMOUNTS ALREADY PROVIDED FOR	Due Dates	Sinking Fund Dec. 1, 1944	Amount of Dec. 1, 1944 Sinking Fund at maturity of loan*	Balance	Portion of balance to be provided for this year	Sinking Fund Re- quirements for 1945
\$300,000 (255,000)	Jan. 1949 Sunk	\$251,365 63	\$294,514 90	\$260,485 10	\$9,768 19	\$8,673 87
113,000 (96,050)	Jan. 1949 Sunk	92,513 88	108,394 75	90,655 25	3,399 57	3,018 72
\$413,000 (351,050)	— Sunk	\$343,879 51	\$402,909 65	\$351,140 35	\$13,167 76	\$11,692 59

* Accumulations reckoned at 4%.

METROPOLITAN SEWERAGE LOAN—NORTH SYSTEM

Amounts provided for and to be provided for

Bonds Issued	Due Dates	Amount provided for	Amount to be provided for	1945
\$300,000	1949	1/8+1/6+1/3+18/80	12/80	3/80
113,000	1949	1/8+1/6+1/3+18/80	12/80	3/80

NORTH METROPOLITAN SYSTEM

*Ratios of Contributions on the Basis of Valuation of 1942
and the Census Returns of 1940
Assessment made by the Metropolitan District Commission*

CITIES AND TOWNS	State Valuation, Acts of 1943 Chapter 294	Proportion for Interest, Sinking Fund and Serial Bonds (Per Cent.)	Population United States Census, 1940	Proportion for Maintenance and Operation (Per Cent.)
Arlington	\$ 60,335,449	5.86	40,013	5.43
Belmont	55,049,420	5.35	26,867	3.65
Boston:				
Charlestown and East Boston	78,390,849	7.62	85,250	11.57
Cambridge	184,326,566	17.91	110,879	15.05
Chelsea	46,553,557	4.52	41,259	5.60
Everett	78,817,491	7.66	46,784	6.35
Lexington	25,329,895	2.46	13,187	1.79
Malden	76,576,832	7.44	58,010	7.87
Medford	85,750,742	8.33	63,083	8.56
Melrose	41,656,140	4.05	25,333	3.44
Reading	18,824,803	1.83	10,866	1.48
Revere	40,658,081	3.95	34,405	4.67
Somerville	114,046,295	11.08	102,177	13.87
Stoneham	15,896,158	1.54	10,765	1.46
Wakefield	22,733,751	2.21	16,223	2.20
Winchester	35,974,250	3.49	15,081	2.05
Winthrop	25,513,108	2.48	16,768	2.28
Woburn	22,849,849	2.22	19,751	2.68
	\$1,029,283,236	100.00	736,701	100.00

SOUTH METROPOLITAN SYSTEM

*Ratios of Contributions on the Basis of Valuation of 1942
and the Census Returns of 1940
Assessment made by the Metropolitan District Commission*

CITIES AND TOWNS	State Valuation, Acts of 1943 Chapter 294	Proportion for Interest and Serial Bonds (Per Cent.)	Population United States Census, 1940	Proportion for Maintenance and Operation (Per Cent.)
Boston				
All of Brighton and Hyde Park and Parts of Back Bay, Roxbury, West Rox- bury and Dorchester	\$ 397,957,517	31.30	361,565	46.64
Braintree	29,121,683	2.29	16,378	2.11
Brookline	154,794,783	12.18	49,786	6.42
Canton	9,513,406	0.75	6,381	0.82
Dedham	27,470,224	2.16	15,508	2.00
Milton	42,797,675	3.37	18,708	2.41
Needham	27,657,831	2.18	12,445	1.61
Newton	174,560,417	13.73	69,873	9.01
Norwood	28,751,416	2.26	15,383	1.99
Quincy	135,062,673	10.62	75,810	9.78
Stoughton	9,627,181	0.76	8,632	1.11
Walpole	18,486,445	1.45	7,443	0.96
Waltham	57,897,104	4.55	42,947	5.54
Watertown	56,487,036	4.44	35,427	4.57
Wellesley	46,789,158	3.68	15,127	1.95
Weymouth	54,413,987	4.28	23,868	5.08
	\$1,271,388,536	100.00	775,281	100.00

METROPOLITAN SEWERAGE LOAN—SOUTH SYSTEM
Assessment

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Boston:				
All of Brighton and Hyde Park and parts of Back Bay, Roxbury, West Roxbury and Dorchester	\$ 56,653 00	\$ 28,257 58	\$155,125 37	\$240,035 95
Braintree	4,144 90	2,067 41	7,017 89	13,230 20
Brookline	22,045 80	10,996 09	21,353 02	54,394 91
Canton	1,357 50	677 09	2,727 33	4,761 92
Dedham	3,909 60	1,950 04	6,652 03	12,511 67
Milton	6,099 70	3,042 43	8,015 70	17,157 83
Needham	3,963 90	1,968 09	5,354 89	11,286 88
Newton	24,851 30	12,395 42	29,967 40	67,214 12
Norwood	4,090 60	2,040 32	6,618 77	12,749 69
Quincy	19,222 20	9,587 72	32,528 43	61,338 35
Stoughton	1,375 60	686 13	3,691 88	5,753 61
Walpole	2,624 50	1,309 06	3,192 98	7,126 54
Waltham	8,235 50	4,107 73	18,426 13	30,769 36
Watertown	8,036 40	4,008 42	15,199 89	27,244 71
Wellesley	6,642 70	3,322 30	6,485 73	16,450 73
Weymouth	7,746 80	3,863 98	10,244 13	21,854 91
	\$181,000 00	\$90,279 81	\$332,601 57	\$603,881 38

METROPOLITAN SEWERAGE LOAN—SOUTH SYSTEM
Sinking Fund

BONDS ISSUED Already provided for	Due Dates	Sinking Fund Dec. 1, 1944
\$ 175,000	Jan. 1946	\$ 175,000 00
1,000,000	Jan. 1946	1,000,000 00
Surplus		263,098 35
<u>\$1,175,000</u>	—	<u>\$1,438,098 35</u>

METROPOLITAN PARKS AND SEWERAGE LOANS
Comparison of Assessments 1944 and 1945

CITIES AND TOWNS	Parks		Sewer	
	1944	1945	1944	1945
Arlington	\$ 13,315 50	\$ 12,156 79	\$ 44,251 93	\$ 46,163 19
Belmont	10,877 —	9,849 54	34,745 27	35,886 38
Boston	286,762 51	260,543 47	308,759 28	321,651 07
Braintree	6,039 49	5,489 25	13,027 97	13,230 20
Brookline	27,186 66	24,376 96	54,819 35	54,394 91
Cambridge	39,180 31	35,675 37	128,561 34	133,688 85
Canton	2,109 10	1,926 18	4,655 42	4,761 92
Chelsea	11,643 97	10,717 86	40,239 20	42,365 38
Cohasset	188 77	207 88	—	—
Dedham	5,704 60	5,185 37	12,317 87	12,511 67
Dover	990 31	881 85	—	—
Everett	16,670 60	15,173 86	54,609 48	56,762 39
Hingham	3,422 18	3,092 67	—	—
Hull	2,573 77	2,272 36	—	—
Lexington	—	—	16,459 43	17,035 69
Lynn	32,087 61	29,318 91	—	—
Malden	17,852 69	16,359 78	60,404 84	63,282 14
Medford	19,744 36	18,078 37	66,543 07	69,648 45
Melrose	8,890 69	8,097 79	29,230 56	30,407 —
Milton	8,168 96	7,376 84	17,077 33	17,157 83
Nahant	1,053 01	942 90	—	—
Needham	5,325 59	4,812 60	11,200 79	11,286 88
Newton	32,469 38	29,258 52	67,138 80	67,214 12
Norwood	—	—	12,578 96	12,749 69
Quincy	27,991 57	25,440 15	60,402 12	61,338 35
Reading	—	—	12,886 18	13,383 41
Revere	9,954 64	9,150 83	34,196 71	35,951 38
Saugus	4,141 01	3,813 79	—	—
Somerville	28,670 92	26,398 79	99,256 16	104,533 94
Stoneham	3,537 68	3,231 68	11,772 10	12,289 63
Stoughton	—	—	5,558 50	5,753 61
Swampscott	4,836 17	4,362 85	—	—
Wakefield	5,168 32	4,728 22	17,347 08	18,138 16
Walpole	—	—	7,115 93	7,126 54
Waltham	12,991 28	11,874 42	29,946 61	30,769 36
Watertown	12,197 85	11,119 34	26,703 00	27,244 71
Wellesley	8,227 97	7,378 45	16,593 85	16,450 73
Weston	2,026 96	1,815 80	—	—
Westwood	1,506 39	1,359 27	—	—
Weymouth	10,396 50	9,389 24	21,746 67	21,854 91
Winchester	6,781 25	6,117 44	21,233 71	21,825 22
Winthrop	5,610 54	5,121 05	18,649 83	19,450 37
Woburn	5,649 23	5,196 24	19,458 80	20,470 54
	\$701,945 34	\$638,292 68	\$1,379,488 14	\$1,426,778 62

STATEMENT IV

CHARLES RIVER BASIN LOAN

Gross Charles River Basin Debt April 1, 1945:

Bonds outstanding (Sinking Fund) . . . \$3,475,000 00

Bonds outstanding (Serial) . . . 45,000 00

\$3,520,000 00

a decrease for the year of \$408,000 00

Sinking Fund April 1, 1945 . . . 3,229,270 96

a decrease for the year of \$250,803 96

Net Charles River Basin Debt April 1, 1945 . . . \$290,729 04

a decrease for the year of \$157,196 04

Total Charles River Basin Assessment—District

Serial Bonds . . . \$8,000 00

Interest:

Six months on \$3,875,000 \$66,750 00

Six months on 3,475,000 59,750 00

Six months on 53,000 970 00

Six months on 45,000 825 00

On advances and temporary
loans, estimated, 1945 . . . 5,000 00\$133,295 00Less adjustment of interest
charges in 1944 . . . \$442,990

Interest on Bridge . . . 36,800 00

41,229 90

92,065.10

Maintenance as appropriated by Legislature . . \$192,371 00

Less balance on hand . . . 14,580 87

177,790 13Total Charles River Basin Assessment . . . \$277,855 23

CHARLES RIVER BRIDGE

Sinking Fund . . . \$2,566 92

Interest . . . 36,800 00

\$39,366 92

Boston and Cambridge, one-half each \$19,683 46.

CHARLES RIVER BASIN LOAN

*Sinking Fund**District*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1944	Amount of Dec. 1, 1944, Sinking Fund at Ma- turity of Loan*	Balance to be pro- vided for	Sinking Fund Re- quirements for 1945
\$ 283,636 36	Jan. 1945	\$ 283,636 36	\$ 283,636 36	—	—
425,454 55	Jan. 1946	422,467 62	438,458 68	—	—
815,454 55	Jan. 1947	781,470 53	841,749 93	—	—
283,636 36	Jan. 1948	262,279 22	293,203 81	—	—
602,727 28	Jan. 1949	537,710 34	623,863 18	—	—
336,818 17	Jan. 1950	289,867 51	349,040 44	—	—
<u>\$2,747,727 27</u>	—	<u>\$2,577,431 58</u>	<u>\$2,829,952 40</u>	—	—

Boston and Cambridge, Charles River Bridge

\$ 116,363 64	Jan. 1945	\$116,363 64	\$ 116,363 64	—	—
174,545 45	Jan. 1946	169,889 57	176,320 15	—	—
334,545 45	Jan. 1947	311,249 87	335,258 39	—	—
116,363 64	Jan. 1948	103,220 60	115,391 04	\$ 972 60	\$ 312 23
247,272 72	Jan. 1949	208,512 62	241,920 86	5,351 86	1,264 34
138,181 83	Jan. 1950	110,320 22	132,840 75	5,341 08	990 35
<u>\$1,127,272 73</u>	—	<u>\$1,019,556 52</u>	<u>\$1,118,094 83</u>	<u>\$11,665 54</u>	<u>\$2,566 92</u>

* Accumulations reckoned at 3 3/4 %.

Analysis of Charles River Basin Debt, June 30, 1945

DEBT	Total	Cambridge Charles River Bridge	Boston Charles River Bridge	District
Gross Debt . . .	\$3,520,000 00	\$505,454 54	\$505,454 55	\$2,509,090 91
Sinking Fund . . .	3,305,370 01	460,030 77	460,030 78	2,385,308 46
Net Debt . . .	\$ 214,629 99	\$ 45,423 77	\$ 45,423 77	\$ 123,782 45

CHARLES RIVER BASIN LOAN

Assessments

(For table of percentages see page 11)

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 143 43	\$ 1,650 64	\$ 3,187 60	\$ 4,981 67
Belmont	130 86	1,506 —	2,908 29	4,545 15
Boston	3,303 02	38,011 66	73,405 63	114,720 31
Braintree	69 23	796 73	1,538 60	2,404 56
Brookline	367 98	4,234 81	8,177 99	12,780 78
Cambridge	438 19	5,042 78	9,738 28	15,219 25
Canton	22 62	260 27	502 61	785 50
Chelsea	110 67	1,273 63	2,459 55	3,843 85
Dedham	65 34	751 53	1,451 30	2,268 17
Dover	14 44	166 18	320 91	501 53
Everett	187 37	2,156 26	4,164 02	6,507 65
Hingham	42 23	486 02	938 55	1,466 80
Hull	40 83	469 90	907 44	1,418 17
Lynn	341 64	3,931 74	7,592 71	11,866 09
Malden	182 04	2,094 94	4,045 61	6,322 59
Medford	203 85	2,345 91	4,530 27	7,080 03
Melrose	99 02	1,139 53	2,200 69	3,439 29
Milton	101 74	1,170 88	2,261 14	3,533 75
Nahant	14 47	166 55	321 62	502 64
Needham	65 75	756 69	1,461 26	2,283 70
Newton	414 97	4,775 60	9,222 33	14,412 90
Quincy	321 08	3,695 03	7,135 61	11,151 72
Revere	96 66	1,112 33	2,148 06	3,357 05
Saugus	39 —	448 82	866 73	1,354 55
Somerville	271 12	3,120 01	6,025 31	9,416 44
Stoneham	37 79	434 92	839 88	1,312 59
Swampscott	60 98	701 72	1,355 12	2,117 82
Wakefield	54 04	621 90	1,200 97	1,876 91
Waltham	137 63	1,583 89	3,053 70	4,780 22
Watertown	134 28	1,545 32	2,984 21	4,663 81
Wellesley	111 23	1,280 08	2,471 99	3,863 30
Weston	27 72	319 01	616 04	962 77
Westwood	18 94	217 92	420 83	657 69
Weymouth	129 35	1,488 60	2,874 69	4,492 64
Winchester	85 52	984 18	1,900 58	2,970 28
Winthrop	60 65	697 95	1,347 83	2,106 43
Woburn	54 32	625 12	1,207 19	1,886 63
	<u>\$8,000 00</u>	<u>\$92,065 10</u>	<u>\$177,790 13</u>	<u>\$277,855 23</u>
Special assessments on Boston and Cambridge included on page 21				<u>39,366 92</u>
				<u><u>\$317,222 15</u></u>

STATEMENT OF THE DEBTS OF THE METROPOLITAN DISTRICT

	Metropolitan Parks	Metropolitan Parks Boulevards	Metropolitan Sewerage North System
Bonds Outstanding (Sinking Fund)	\$670,000 00	\$325,000 00	\$413,000 00
Bonds Outstanding (Serial)	17,000 00	97,500 00	3,228,000 00
Gross Debt	687,000 00	422,500 00	3,641,000 00
Sinking Funds, June 30, 1945	663,323 21	320,296 06	356,413 17
Net Debt	\$ 23,676 79	\$102,203 94	\$3,284,586 83
	For Percentages See Page 11	For Percentages See Page 11	For Percentages See Page 18
1 Arlington	\$ 424 50	\$ 1,832 41	\$192,476 78
2 Belmont	387 30	1,671 85	175 725 53
3 Boston	9,775 63	42,197 76	250,285 51
4 Braintree	204 90	884 47	—
5 Brookline	1,089 09	4,701 18	—
6 Cambridge	1,296 87	5,598 12	588,269 50
7 Canton	66 93	288 93	—
8 Chelsea	327 54	1,413 89	148,463 32
9 Dedham	193 27	834 29	—
10 Dover	42 74	184 48	—
11 Everett	554 53	2,393 72	251,599 35
12 Hingham	124 99	539 53	—
13 Hull	120 85	521 65	—
14 Lexington	—	—	80,800 83
15 Lynn	1,011 14	4,364 72	—
16 Malden	538 77	2,325 65	244,373 26
17 Medford	603 31	2,604 26	273,606 08
18 Melrose	293 07	1,265 08	133,025 67
19 Milton	301 12	1,299 83	—
20 Nahant	42 83	184 89	—
21 Needham	194 60	840 01	—
22 Newton	1,228 16	5,301 52	—
23 Norwood	—	—	—
24 Quincy	950 27	4,101 96	—
25 Reading	—	—	60,107 94
26 Revere	286 06	1,234 83	129,741 18
27 Saugus	115 42	498 25	—
28 Somerville	802 41	3,463 69	363,932 22
29 Stoneham	111 85	482 81	50,582 64
30 Stoughton	—	—	—
31 Swampscott	180 48	779 00	—
32 Wakefield	159 94	690 39	72,589 37
33 Walpole	—	—	—
34 Waltham	407 34	1,758 32	—
35 Watertown	397 41	1,715 49	—
36 Wellesley	329 20	1,421 04	—
37 Weston	82 04	354 14	—
38 Westwood	56 04	241 92	—
39 Weymouth	382 83	1,652 53	—
40 Winchester	253 10	1,092 56	114,632 08
41 Winthrop	179 49	774 81	81,457 75
42 Woburn	160 77	693 96	72,917 82
	\$23,676 79	\$102,203 94	\$3,284,586 83

1 See page 22 for details

2 District Proportions

JUNE 30, 1945 (SECTION 11, CHAPTER 10, GENERAL LAWS)

Metropolitan Sewerage South System	Metropolitan Water	Charles River Basin	Total	
\$1,175,000 00	\$2,248,000 00	\$3,475,000 00		
1,323,000 00	41,962,000 00	45,000 00		
2,498,000 00	44,210,000 00	3,520,000 00		
1,486,702 19	2,673,077 89	3,305,370 01		
1,011,297 81	41,536,922 11	214,629 99 ¹ 123,782 45 ²		
For Percentages See Page 18	For Percentages See Page 6	For Percentages See Page 11		
\$ —	\$729,720 64	\$ 2,219 30	\$ 926,673 63	Arlington 1
—	558,505 45	2,024 83	738,314 96	Belmont 2
316,536 22	25,694,366 18	96,530 82	26,409,692 12	Boston 3
23,158 72	—	1,071 21	25,319 30	Braintree 4
123,176 07	1,696,284 83	5,693 75	1,830,944 92	Brookline 5
—	—	52,203 83	647,368 32	Cambridge 6
7,584 73	—	349 93	8,290 52	Canton 7
—	914,019 97	1,712 41	1,065,937 13	Chelsea 8
21,844 03	—	1,010 44	23,882 03	Dedham 9
—	—	223 43	450 65	Dover 10
—	1,640,874 57	2,899 11	1,898,321 28	Everett 11
—	—	653 45	1,317 97	Hingham 12
—	—	631 79	1,274 29	Hull 13
—	279,377 34	—	360,178 17	Lexington 14
—	—	5,286 25	10,662 11	Lynn 15
—	1,173,459 59	2,816 67	1,423,513 94	Malden 16
—	1,121,455 36	3,154 10	1,401,423 11	Medford 17
—	488,058 83	1,532 18	624,174 83	Melrose 18
34,080 74	423,718 14	1,574 26	460,974 09	Milton 19
—	75,472 59	223 92	75,924 23	Nahant 20
22,046 29	—	1,017 37	24,098 27	Needham 21
138,851 19	192,482 10	6,420 84	344,283 81	Newton 22
22,853 33	—	—	22,855 33	Norwood 23
107,399 83	1,763,948 47	4,968 01	1,881,368 54	Quincy 24
—	—	—	60,107 94	Reading 25
—	636,387 18	1,495 54	769,144 79	Revere 26
—	—	603 44	1,217 11	Saugus 27
—	2,399,131 09	4,194 99	2,771,424 40	Somerville 28
—	198,754 18	584 75	250,516 23	Stoneham 29
7,685 86	—	—	7,685 86	Stoughton 30
—	293,167 60	943 47	295,070 55	Swampscott 31
—	—	836 15	74,275 85	Wakefield 32
14,663 82	—	—	14,663 82	Walpole 33
46,014 05	—	2,129 55	50,309 26	Waltham 34
44,901 62	867,997 06	2,077 69	917,089 27	Watertown 35
37,215 76	—	1,721 07	40,687 07	Wellesley 36
—	—	428 91	865 09	Weston 37
—	—	292 99	590 95	Westwood 38
43,283 55	—	2,001 44	47,320 35	Weymouth 39
—	—	1,323 23	117,300 97	Winchester 40
—	389,740 94	938 39	473,091 38	Winthrop 41
—	—	840 48	74,613 03	Woburn 42
\$1,011,297 81	\$41,536,922 11	\$214,629 99	\$46,173,317 47	

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